July 2009



#### DEPARTMENT OF EDUCATION

2008–2009 School Year Reports

Dear School Board Members and School Personnel:

The Maine Educational Assessment (MEA) is the State's measure of student progress in achieving the State accountability standards of Maine's *Learning Results*. The *Learning Results* contain goals for what all students should know and be able to do at certain times in their school careers and include the accountability standards that are assessed for each grade. The MEA is administered to students in all grades 3 through 8 to meet state assessment requirements and the requirements of the federal *No Child Left Behind* Act.

The 2008-2009 MEA Summary Reports contain the results of student achievement in reading and mathematics at all grades and science at grades 5 and 8 and disaggregated by student and school characteristics. This report, together with MEA individual student and subject-specific class analysis reports, provides support for use in program evaluation and planning.

MEA results reflect scores based on test questions that are taken in common by the approximately 15,000 students in each grade level. Students' scores in each content area are based on answers to a combination of multiple-choice questions and questions that require students to construct an answer. More information about the MEA is available at <a href="https://www.maine.gov/education/mea/index.htm">www.maine.gov/education/mea/index.htm</a>.

I look forward to working with you in support of our continued efforts to improve the quality and effectiveness of the instructional opportunities designed to help all students achieve the high standards of the *Learning Results* and demonstrate that achievement through performance on the assessments.

Sincerely,

Susan A. Gendron

Commissioner of Education

Susan A. Lendron



### School Report Grade 5

Test Date: March 2009

Code: 11391365

SAU: Raymond School Department

School: Jordan-Small Middle School

#### **Contents of the Report**

The report is divided into two main sections including a section describing the students tested and a separate section for the results in each content area.

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### **SUMMARY OF SCORES**

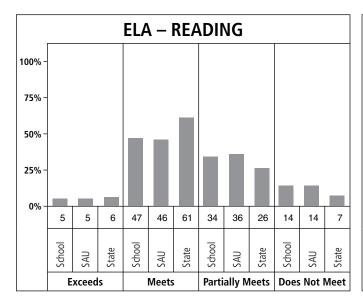
Test Date: March 2009

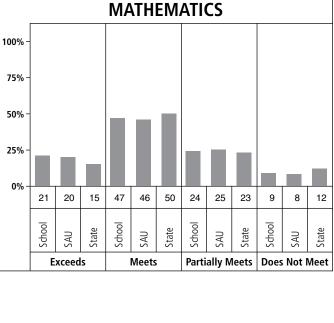
Grade:

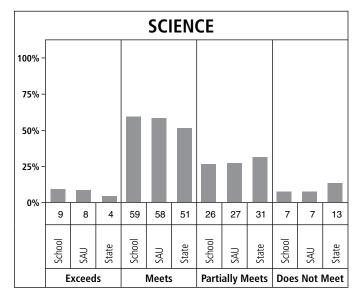
SAU: Raymond School Department School: Jordan-Small Middle School

# Summary of School, SAU, and State Scores

Year	Avera	age Scaled S	Score
rear	School	SAU	State
<b>ELA – Reading</b> 2006–2007 2007–2008 <b>2008–2009</b> Cum. Avg.*	541 544 <b>544</b> 543	541 544 <b>544</b> 543	544 545 <b>546</b> 545
Mathematics 2006–2007 2007–2008 <b>2008–2009</b> Cum. Avg.*	544 546 <b>548</b> 546	544 546 <b>548</b> 546	546 546 <b>547</b> 546
Science 2008-2009 **	548	548	543







<sup>\*</sup>Cumulative averages are weighted, i.e., the scaled scores are averaged proportionally based on the numbers of students in each year.

<sup>\*\*</sup>Because science testing moved from grade 4 to grade 5 in March 2009, science standards were reset and therefore no historical data are available.



### **SUMMARY OF STUDENT PARTICIPATION**

Test Date: March 2009

Grade: 5

SAU: Raymond School Department School: Jordan-Small Middle School

		Ε	nroll	mer	nt¹						C	ТИС	EN.	ГАБ	REA	PA	RTIC	CIPA	TIO	N <sup>2</sup>				
CATEGORY OF		durii	ng testi	ing wi	ndow				ELA-F	Reading					Mathe	matics					Sci	ence		
PARTICIPATION	Sch	nool	SA	AU	St	ate	Sch	nool	s	AU	St	ate	Scl	hool	S	AU	St	ate	Scl	nool	s	AU	St	tate
	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%
Total number of students	59	100	60	100	14212	100	59	100	60	100	14135	100	59	100	60	100	14144	100	59	100	60	100	14137	100
Ethnicity African American/Black	0	0	0	0	397	3	0	0	0	0	388	98	0	0	0	0	393	99	0	0	0	0	389	98
American Indian or Native Alaskan	2	3	2	3	110	1	2	100	2	100	110	100	2	100	2	100	110	100	2	100	2	100	110	100
Asian or Pacific Islander	0	0	0	0	259	2	0	0	0	0	253	98	0	0	0	0	258	100	0	0	0	0	257	99
Hispanic	0	0	0	0	175	1	0	0	0	0	172	99	0	0	0	0	172	99	0	0	0	0	173	99
Caucasian/White	57	97	58	97	13271	93	57	100	58	100	13212	100	57	100	58	100	13211	100	57	100	58	100	13208	100
Not Reported	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Identified disability	9	15	9	15	2479	17	9	100	9	100	2454	100	9	100	9	100	2455	100	9	100	9	100	2451	99
Current LEP	0	0	0	0	374	3	0	0	0	0	359	96	0	0	0	0	370	99	0	0	0	0	366	98
Economically disadvantaged	15	25	16	27	5848	41	15	100	16	100	5815	100	15	100	16	100	5819	100	15	100	16	100	5812	100
Migrant	0	0	0	0	8	0	0	0	0	0	8	100	0	0	0	0	8	100	0	0	0	0	8	100

MODE OF			ELA-F	Reading					Mathe	matics					Sci	ence		
	Sc	hool	S	AU	Sta	ate	Sch	nool	S	AU	Sta	ate	Scl	hool	S	AU	St	ate
PARTICIPATION <sup>3</sup>	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%
Participation without accommodations	50	85	51	85	10849	76	50	85	51	85	10872	76	50	85	51	85	10976	77
Identified disability (PET/IEP)	0	0	0	0	298	3	0	0	0	0	307	3	0	0	0	0	338	3
LEP	0	0	0	0	170	2	0	0	0	0	169	2	0	0	0	0	177	2
504 plan	0	0	0	0	123	1	0	0	0	0	121	1	0	0	0	0	126	1
Participation with accommodations	8	14	8	13	3122	22	8	14	8	13	3124	22	8	14	8	13	3019	21
Identified disability (PET/IEP)	8	100	8	100	1992	64	8	100	8	100	2000	64	8	100	8	100	1971	65
LEP	0	0	0	0	184	6	0	0	0	0	196	6	0	0	0	0	184	6
504 plan	0	0	0	0	84	3	0	0	0	0	86	3	0	0	0	0	81	3
Other	0	0	0	0	907	29	0	0	0	0	886	28	0	0	0	0	826	27
Participation through alternate assessment (PAAP)	1	2	1	2	164	1	1	2	1	2	148	1	1	2	1	2	142	1
Identified disability (PET/IEP)	1	100	1	100	164	100	1	100	1	100	148	100	1	100	1	100	142	100
LEP	0	0	0	0	5	3	0	0	0	0	5	3	0	0	0	0	5	4
504 plan	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Approved non-participation in reading – 1st year LEP	0	0	0	0	0	0												
Approved non-participation – special consideration	0	0	0	0	19	0	0	0	0	0	19	0	0	0	0	0	20	0
Non-participation – other	0	0	0	0	58	0	0	0	0	0	49	0	0	0	0	0	55	0

<sup>&</sup>lt;sup>1</sup>Percents are the percentage of students enrolled in each participation category.

<sup>&</sup>lt;sup>2</sup>Percents are the percentage of students, including those who participated through alternate assessment (PAAP), who participated in the content area.

<sup>&</sup>lt;sup>3</sup>Percents are the percentage of students in each content area by mode.



### **ELA-READING RESULTS**

Test Date: March 2009

Grade:

SAU: Raymond School Department School: Jordan-Small Middle School

#### STUDENTS AT EACH ACHIEVEMENT LEVEL

ACHIEVEMENT LEVEL DEFINITIONS		Sch	ool	SA	AU	Sta	ite
The quality of a student's work at each achievement level reflects progress in attaining Maine <i>Results: Parameters for Essential Instruction</i> in English language arts – reading.	's Learning	N	%	N	%	N	%
Exceeds the Standards – The student's work demonstrates the ability to read and interpret literary and informational texts appropriate for the grade level by drawing in-depth inferences, analyzing texts for subtle clues, synthesizing information across texts, and using his/her knowledge of text features and literary devices to make deeper connections within or across texts to increase comprehension. (Scaled Score 562–580)	2006-2007 2007-2008 <b>2008-2009</b> Cum. Total*	0 3 <b>3</b> 6	0 5 <b>5</b> 4	0 3 <b>3</b> 6	0 5 <b>5</b> 4	702 659 <b>836</b> 2197	5 <b>6</b> 5
Meets the Standards – The student's work demonstrates the ability to read and interpret literary and informational texts appropriate for the grade level by drawing inferences, summarizing main ideas and providing supporting details, connecting ideas within and across texts, and using his/her knowledge of text features and literary devices to increase comprehension. (Scaled Score 542–560)	2006-2007	19	43	19	42	7730	55
	2007-2008	32	52	32	52	8195	58
	<b>2008-2009</b>	<b>27</b>	<b>47</b>	<b>27</b>	<b>46</b>	<b>8495</b>	<b>61</b>
	Cum. Total*	78	48	78	47	24420	58
Partially Meets the Standards – The student's work demonstrates an inconsistent ability to read and interpret literary and informational texts appropriate for the grade level. The student's ability to draw inferences, summarize main ideas and provide supporting details, connect ideas within and across texts, and use his/her knowledge of text features and literary devices varies depending on the texts. (Scaled Score 532–540)	2006-2007	18	41	19	42	4182	30
	2007-2008	20	33	20	33	3800	27
	<b>2008-2009</b>	<b>20</b>	<b>34</b>	<b>21</b>	<b>36</b>	<b>3667</b>	<b>26</b>
	Cum. Total*	58	36	60	36	11649	28
Does Not Meet the Standards – The student's work demonstrates a limited ability to read and interpret literary and informational texts appropriate for the grade level. The student's responses are often vague or incorrect leaving the impression that the student found it difficult to draw inferences, summarize main ideas and provide supporting details, connect ideas within and across texts, or use his/her knowledge of text features and literary devices to support comprehension. (Scaled Score 500–530)	2006-2007	7	16	7	16	1419	10
	2007-2008	6	10	6	10	1362	10
	<b>2008-2009</b>	<b>8</b>	<b>14</b>	<b>8</b>	<b>14</b>	<b>973</b>	<b>7</b>
	Cum. Total*	21	13	21	13	3754	9

		nber	A	verage Poir	nts Attaine	d (Number	and Percer	nt)
Learning Results Content Standards		oints sible	Sch	ool	SA	<b>∖</b> U	Sta	ate
	N	%	N	%	N	%	N	%
Reading Total Points	48	100	28.8	60.0	28.8	60.0	30.8	64.2
A1/A2 Interconnected Elements/Literary Text	24	50	13.6	56.7	13.6	56.7	15.0	62.5
A1/A3 Interconnected Elements/Informational Text	24	50	15.2	63.3	15.2	63.3	15.8	65.8

The MEA assesses students' reading skills based on questions related to two types of reading passages: literary and informational. Reading passages include both long and short texts, selected from developmentally appropriate works. MEA reading items measure the English Language Arts accountability content standard A, Reading, contained in Maine's 2007 Learning Results: Parameters for Essential Instruction, which can be found at:

http://www.maine.gov/education/lres/pei/index.html.



# **ELA-READING RESULTS**

(CONTINUED)

Test Date: March 2009

Grade: 5

SAU: Raymond School Department School: Jordan-Small Middle School

					Sch	nool							SA	AU U					Sta	ate		<u> </u>
REPORTING CATEGORIES	Tested		E		М	1	P		D	Mean Scaled	Tested	E	М	P	D	Mean Scaled	Tested	E	М	P	D	Mean Scaled
	N	N	%	N	%	N	%	N	%	Score	N	%	%	%	%	Score	N	%	%	%	%	Score
All Students	58	3	5	27	47	20	34	8	14	544	59	5	46	36	14	544	13971	6	61	26	7	546
Ethnicity African American/Black American Indian or Native Alaskan Asian or Pacific Islander Hispanic Caucasian/White Not Reported	0 2 0 0 56	3	5	27	48	19	34	7	13	544	0 2 0 0 57 0	5	47	35	12	544	381 110 252 166 13062 0	2 0 11 4 6	44 48 58 54 62	31 38 21 32 26	23 14 11 10 6	540 541 547 543 546
Identified disability Yes No	8 50	0 3	0	1 26	13 52	1 19	13 38	6 2	75 4	533 545	8 51	0 6	13 51	13 39	75 4	533 545	2290 11681	0 7	29 67	47 22	23 4	537 548
Current LEP Yes No	0 58	3	5	27	47	20	34	8	14	544	0 59	5	46	36	14	544	354 13617	1 6	35 61	34 26	30 6	538 546
Economically disadvantaged Yes No	15 43	0 3	0 7	5 22	33 51	5 15	33 35	5 3	33 7	538 546	16 43	0 7	31 51	38 35	31 7	538 546	5716 8255	2 9	51 67	35 20	12 4	542 548
Migrant Yes No	0 58	3	5	27	47	20	34	8	14	544	0 59	5	46	36	14	544	8 13963	0 6	38 61	25 26	38 7	538 546
Gender Female Male Not Reported	35 23 0	3 0	9 0	12 15	34 65	16 4	46 17	4 4	11 17	544 544	36 23 0	8 0	33 65	47 17	11 17	543 544	6882 7089 0	8 4	62 60	24 28	6 8	547 545
Title 1A targeted program Yes No	0 58	3	5	27	47	20	34	8	14	544	0 59	5	46	36	14	544	1914 12057	1 7	41 64	44 23	14 6	540 547
<b>Gifted/talented program</b> Yes No	5 53	0 3	0 6	5 22	100 42	0 20	0 38	0	0 15	555 543	5 54	0 6	100 41	0 39	0 15	555 542	450 13521	26 5	72 60	2 27	0 7	557 545

E = Exceeds the Standards M = Meets the Standards P = Partially Meets the Standards D = Does Not Meet the Standards

**NOTE:** Some achievement level results have been left blank because fewer than five (5) students were tested.

I = Number



# **ELA-READING RESULTS**

(QUESTIONNAIRE ITEMS)

Test Date: March 2009

Grade: 5

SAU: **Raymond School Department** School: Jordan-Small Middle School

*	(40)				Sch		,						SA	U					Sta	te		
QUESTIONNAIRE ITEMS	Students in Each Category		E	ı	И		P	ı	)	Mean Scaled Score	Students in Each Category	E	M	P	D	Mean Scaled Score	Students in Each Category	E	M	Р	D	Mean Scaled Score
	%	N	%	N	%	N	%	N	%	Score	%	%	%	%	%	Score	%	%	%	%	%	Score
How much homework do you do on school nights? A. none B. less than one hour C. one to two hours D. more than two hours	0 69 29 2	3 0 0	8 0 0	19 7 1	48 41 100	15 5 0	38 29 0	3 5 0	8 29 0	545 540 556	0 69 29 2	7 0 0	46 41 100	39 29 0	7 29 0	545 540 556	4 70 24 2	2 6 7 4	40 63 61 42	34 26 26 33	24 6 6 21	540 546 546 541
Which of the following best describes how you rate yourself as a student in reading?  A. very good  B. good	52 38 10	3 0	10 0 0	15 12 0	50 55 0	9 7 4	30 32 67	3 3 2	10 14 33	546 543 534	53 37 10	10 0 0	48 55 0	32 32 67	10 14 33	546 543 534	36 47	10 5	67 62	18 27 40	5 6	549 546 541
C. Tair D. poor How well do the questions that you have just been given on this	0	0	0	0	U	4	67	2	33	534	0	0	U	07	33	334	15 2	0	47 30	40 46	12 24	537
MEA test match what you have learned in school about reading?  A. The questions on the test match what I have learned in reading class.  B. They match some of what I have learned.  C. They match just a little of what I have learned.  D. There is no match.	34 53 10 2	2 1 0	10 3 0 0	11 15 1 0	55 48 17 0	6 11 2 1	30 35 33 100	1 4 3 0	5 13 50 0	547 543 536 538	34 54 10 2	10 3 0 0	55 47 17 0	30 38 33 100	5 13 50 0	547 543 536 538	31 55 10 3	9 5 3 1	65 63 45 31	20 27 38 41	5 5 14 27	548 546 542 537
How difficult was the reading part of this test?  A. more difficult than my regular schoolwork  B. about the same as my regular schoolwork  C. easier than my regular schoolwork	16 67 18	0 2 1	0 5 10	6 14 7	67 37 70	2 15 2	22 39 20	1 7 0	11 18 0	545 541 552	16 67 17	0 5 10	67 36 70	22 41 20	11 18 0	545 541 552	16 64 20	3 7 5	49 63 62	32 25 26	15 5 7	542 547 546
How difficult were the reading passages on this test?  A. Most of the passages were more difficult than what I normally read.  B. Most of the passages were about the same as what I normally read.  C. Most of the passages were easier than what I normally read.	10 59 31	0 1 2	0 3 11	1 13 13	17 38 72	2 15 3	33 44 17	3 5 0	50 15 0	534 541 551	10 58 32	0 3 11	17 38 68	33 44 21	50 15 0	534 541 550	10 52 38	1 4 10	33 61 68	42 29 18	24 6 4	538 545 549
How much time do you spend reading at home each day?  A. more than one hour  B. 20 minutes to an hour  C. less than 20 minutes  D. I rarely read at home.	21 53 14 12	1 2 0 0	8 6 0	7 15 1 4	58 48 13 57	3 11 5 1	25 35 63 14	1 3 2 2	8 10 25 29	548 544 535 543	20 53 14 14	8 6 0	58 48 13 50	25 35 63 25	8 10 25 25	548 544 535 543	20 56 10 14	10 7 3 1	64 65 52 46	21 24 33 38	5 5 12 14	548 547 543 541
How many pages do you read in school and to complete homework assignments?																						
A. five or fewer pages     B. six to ten pages     C. eleven or more pages     Optional school/SAU question	40 24 36	1 1 1	4 7 5	8 5 14	35 36 67	9 7 4	39 50 19	5 1 2	22 7 10	540 543 548	39 25 36	4 7 5	35 33 67	39 53 19	22 7 10	540 543 548	25 26 49	3 6 8	53 61 65	33 26 23	11 7 5	543 546 547
A. B. C. D.	0 50 50	0	0 0	0 1	0 100	1 0	100 0	0 0	0 0	536 558	0 50 50 0	0	0 100	100 0	0 0	536 558						

E = Exceeds the Standards M = Meets the Standards P = Partially Meets the Standards D = Does Not Meet the Standards N = Number



### **MATHEMATICS RESULTS**

Test Date: March 2009

Grade:

SAU: Raymond School Department School: Jordan-Small Middle School

#### STUDENTS AT EACH ACHIEVEMENT LEVEL

ACHIEVEMENT LEVEL DEFINITIONS		Sch	ool	SA	.U	Sta	te
The quality of a student's work at each achievement level reflects progress in attaining Maine's Results: Parameters for Essential Instruction in mathematics.	s Learning	N	%	N	%	N	%
Exceeds the Standards – The student's work demonstrates in-depth understanding of essential concepts in mathematics, including the ability to make multiple connections among central ideas. The student's responses demonstrate the ability to synthesize information; analyze and solve difficult problems, including developing and implementing strategies, efficiently and accurately performing procedures, and recording and justifying solutions; and explain complex concepts. (Scaled Score 562–580)	2006-2007	5	11	5	11	1711	12
	2007-2008	5	8	5	8	1617	12
	<b>2008-2009</b>	<b>12</b>	<b>21</b>	<b>12</b>	<b>20</b>	<b>2119</b>	<b>15</b>
	Cum. Total*	22	13	22	13	5447	13
Meets the Standards – The student's work demonstrates a general understanding of essential concepts in mathematics, including the ability to make connections among central ideas. The student's responses demonstrate the ability to analyze and solve problems including developing and implementing strategies, to perform procedures, and to record and explain solutions and concepts. The student's work may contain minor errors. (Scaled Score 542–560)	2006-2007	19	43	20	44	6778	48
	2007-2008	35	57	35	57	7284	52
	<b>2008-2009</b>	<b>27</b>	<b>47</b>	<b>27</b>	<b>46</b>	<b>7046</b>	<b>50</b>
	Cum. Total*	81	50	82	50	21108	50
Partially Meets the Standards – The student's work demonstrates incomplete understanding of essential concepts in mathematics and inconsistent connections among central ideas. The student's responses demonstrate some ability to analyze and solve problems, and explain concepts. Problem solving strategies may be flawed, procedures performed inaccurately, methods not recorded and/or problems not completed. (Scaled Score 530–540)	2006-2007	14	32	14	31	3884	28
	2007-2008	13	21	13	21	3341	24
	<b>2008-2009</b>	<b>14</b>	<b>24</b>	<b>15</b>	<b>25</b>	<b>3193</b>	<b>23</b>
	Cum. Total*	41	25	42	25	10418	25
<b>Does Not Meet the Standards</b> – The student's work demonstrates limited understanding of essential concepts in mathematics and infrequent or inaccurate connections among central ideas. The student's responses demonstrate minimal ability to solve problems and explain concepts. Problem solving strategies and procedures are often flawed or inappropriate and there may be many omissions. (Scaled Score 500–528)	2006-2007	6	14	6	13	1683	12
	2007-2008	8	13	8	13	1778	13
	<b>2008-2009</b>	<b>5</b>	<b>9</b>	<b>5</b>	<b>8</b>	<b>1638</b>	<b>12</b>
	Cum. Total*	19	12	19	12	5099	12

	Nun	nber	Avera	ge Point	s Attaine	d (Numbe	r and Pe	rcent)
Learning Results Content Standards		oints sible	Sch	ool	SA	AU	Sta	ate
	N	%	N	%	N	%	N	%
Mathematics Total Points	48	100	26.4	55.0	26.2	54.6	25.5	53.1
A. Number	18	38	9.9	55.0	9.8	54.4	9.8	54.4
B. Data	10	21	5.2	52.0	5.2	52.0	5.2	52.0
C. Geometry	10	21	5.1	51.0	5.1	51.0	4.7	47.0
D. Algebra	10	21	6.1	61.0	6.1	61.0	5.7	57.0

The MEA assesses students' mathematics knowledge based on questions that measure the mathematics accountability content standards contained in Maine's 2007 *Learning Results: Parameters for Essential Instruction*, which can be found at: http://www.maine.gov/education/lres/pei/index. html.

Content Standard A, Number, includes Whole Number, Rational Number, and Real Number.

Content Standard B, Data, includes Measurement and Approximation, Data Analysis, and Probability.

Content Standard C, Geometry, includes Geometric Figures, Geometric Measurement, and Transformations.

Content Standard D, Algebra, includes Symbols and Expressions, Equations and Inequalities, and Functions and Relations.



# **MATHEMATICS RESULTS**

(CONTINUED)

Test Date: March 2009

Grade:

SAU: Raymond School Department School: Jordan-Small Middle School

E % 21 21 21 24 21 7 26	26 27 26 21	% 47 46 47 40	N 14 13 13 14	P	<b>N</b> 5	9 9 0 10	Mean Scaled Score 548 548	Tested  N 59 0 2 0 0 57 0 8 51	E % 20 21 0 24	% 46 46 88 39	P % 25 25 25 27	9 0	Mean Scaled Score 548 548	Tested  N 13996 385 110 257 166 13078 0 2307 11689	E % 15 6 5 19 9 15 3 17	Sta M % 50 35 42 50 43 51 32 54	P % 23 28 34 20 31 23 32 21	D % 12 30 20 12 17 11 33 8	Mean Scaled Score 547 537 540 548 543 547
% 21 21 0 24 21 7	N 27 26 26 7 20 27 6	% 47 46 88 40	N 14 13 13 14	% 24 23 13 26	N 5	9 0 10	Scaled - Score - 548 - 548 - 550	N 59 0 2 0 0 57 0 8 51	20 21	% 46 46	% 25 25	% 8 9	Scaled - Score - 548 - 548 - 550	N 13996 385 110 257 166 13078 0	% 15 6 5 19 9 15	% 50 35 42 50 43 51	% 23 28 34 20 31 23	% 12 30 20 12 17 11	Scaled Score  547  537  540  548  543  547
21 21 0 24 21 7	27 26 7 20 27	46 46 88 40	14 13 1 13	24 23 13 26	5 0 5	9 9 0 10	548 548 550	59 0 2 0 0 57 0	20 21 0	46 46 88	25 25 13	9	548 548 550	13996 385 110 257 166 13078 0	15 6 5 19 9 15	50 35 42 50 43 51	28 34 20 31 23	12 30 20 12 17 11	547 537 540 548 543 547
21 0 24 21 7	26 7 20 27 6	46 88 40 47	13 1 13	23 13 26	5 0 5	9 0 10	548 550	0 2 0 0 57 0	21	46 88	25 13	9	548 550	385 110 257 166 13078 0	6 5 19 9 15	35 42 50 43 51	28 34 20 31 23	30 20 12 17 11	537 540 548 543 547
0 24 21 7	7 20 27 6	88 40 47	1 13	13 26	0 5	0 10	550	2 0 0 57 0 8 51	0	88	13	0	550	110 257 166 13078 0	5 19 9 15	42 50 43 51	34 20 31 23	20 12 17 11	540 548 543 547 536
24 21 7	20 27 6	40 47	13	26	5	10		51				!					:		1
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i 1		40				9	548	0 59	20	46	25	8	548	365 13631	5 15	33 51	30 23	32 11	536 547
		49	6 8	40 19	2 3	13 7	542 550	16 43	6 26	38 49	44 19	13 7	541 550	5731 8265	7 21	46 53	29 19	18 7	542 550
21	27	47	14	24	5	9	548	0 59	20	46	25	8	548	8 13988	0 15	38 50	50 23	13 12	540 547
20 22	13 14	37 61	10 4	29 17	5	14 0	546 552	36 23 0	19 22	36 61	31 17	14 0	545 552	6889 7107 0	14 16	51 50	23 23	12 11	546 547
21	27	47	14	24	5	9	548	0 59	20	46	25	8	548	1918 12078	3 17	39 52	36 21	22 10	539 548
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	20 22 21 100	20 13 22 14 21 27 100 0	20 13 37 22 14 61 21 27 47 100 0 0	20 13 37 10 22 14 61 4 21 27 47 14 100 0 0 0	20 13 37 10 29 22 14 61 4 17 21 27 47 14 24 100 0 0 0 0	20	20	20     13     37     10     29     5     14     546       22     14     61     4     17     0     0     552       21     27     47     14     24     5     9     548       100     0     0     0     0     0     573	21     27     47     14     24     5     9     548     59       20     13     37     10     29     5     14     546     36       22     14     61     4     17     0     0     552     23       0       21     27     47     14     24     5     9     548     59       100     0     0     0     0     0     573     5	21     27     47     14     24     5     9     548     59     20       20     13     37     10     29     5     14     546     36     19       22     14     61     4     17     0     0     552     23     22       21     27     47     14     24     5     9     548     59     20       100     0     0     0     0     573     5     100	21     27     47     14     24     5     9     548     59     20     46       20     13     37     10     29     5     14     546     36     19     36       22     14     61     4     17     0     0     552     23     22     61       21     27     47     14     24     5     9     548     59     20     46       100     0     0     0     0     573     5     100     0	21     27     47     14     24     5     9     548     59     20     46     25       20     13     37     10     29     5     14     546     36     19     36     31       22     14     61     4     17     0     0     552     23     22     61     17       21     27     47     14     24     5     9     548     59     20     46     25       100     0     0     0     0     573     5     100     0     0	21     27     47     14     24     5     9     548     59     20     46     25     8       20     13     37     10     29     5     14     546     36     19     36     31     14       22     14     61     4     17     0     0     552     23     22     61     17     0       21     27     47     14     24     5     9     548     59     20     46     25     8       100     0     0     0     0     573     5     100     0     0     0	21     27     47     14     24     5     9     548     59     20     46     25     8     548       20     13     37     10     29     5     14     546     36     19     36     31     14     545       22     14     61     4     17     0     0     552     23     22     61     17     0     552       21     27     47     14     24     5     9     548     59     20     46     25     8     548       100     0     0     0     0     573     5     100     0     0     0     573	21       27       47       14       24       5       9       548       59       20       46       25       8       548       13988         20       13       37       10       29       5       14       546       36       19       36       31       14       545       6889         22       14       61       4       17       0       0       552       23       22       61       17       0       552       7107         0       27       47       14       24       5       9       548       59       20       46       25       8       548       1918         100       0       0       0       0       573       5       100       0       0       0       573       450	21     27     47     14     24     5     9     548     59     20     46     25     8     548     13988     15       20     13     37     10     29     5     14     546     36     19     36     31     14     545     6889     14       22     14     61     4     17     0     0     552     23     22     61     17     0     552     7107     16       21     27     47     14     24     5     9     548     59     20     46     25     8     548     12078     17       100     0     0     0     0     573     5     100     0     0     0     573     450     64	21     27     47     14     24     5     9     548     59     20     46     25     8     548     13988     15     50       20     13     37     10     29     5     14     546     36     19     36     31     14     545     6889     14     51       22     14     61     4     17     0     0     552     23     22     61     17     0     552     7107     16     50       21     27     47     14     24     5     9     548     59     20     46     25     8     548     12078     17     52       100     0     0     0     0     573     5     100     0     0     0     573     450     64     34	21     27     47     14     24     5     9     548     59     20     46     25     8     548     13988     15     50     23       20     13     37     10     29     5     14     546     36     19     36     31     14     545     6889     14     51     23       22     14     61     4     17     0     0     552     23     22     61     17     0     552     7107     16     50     23       21     27     47     14     24     5     9     548     59     20     46     25     8     548     1918     3     39     36       21     27     47     14     24     5     9     548     59     20     46     25     8     548     12078     17     52     21       100     0     0     0     0     0     573     5     100     0     0     0     573     450     64     34     2	21     27     47     14     24     5     9     548     59     20     46     25     8     548     13988     15     50     23     12       20     13     37     10     29     5     14     546     36     19     36     31     14     545     6889     14     51     23     12       22     14     61     4     17     0     0     552     23     22     61     17     0     552     7107     16     50     23     11       21     27     47     14     24     5     9     548     59     20     46     25     8     548     1918     3     39     36     22       21     27     47     14     24     5     9     548     59     20     46     25     8     548     12078     17     52     21     10       100     0     0     0     0     0     0     0     0     573     450     64     34     2     0

E = Exceeds the Standards M = Meets the Standards P = Partially Meets the Standards D = Does Not Meet the Standards

**NOTE:** Some achievement level results have been left blank because fewer than five (5) students were tested.

= Number



# **MATHEMATICS RESULTS**

(QUESTIONNAIRE ITEMS)

Test Date: March 2009

Grade:

**Raymond School Department** SAU: Jordan-Small Middle School School:

M  15 11 1 19 3 4 0 10 15 2	%  38 65 100  58 21 44 0  38 50 100  44 47 50	P N 10 4 0 2 10 2 0 4 10 0 0 3 3 11 0 0	% 25 24 0 6 71 22 0 15 33 0	5 0 0 1 1 0 3 1 1 2 3 0	3 0 0 33 100 8 10 0	Mean Scaled Score 548 549 552 555 542 536 526 552 545 557	Students in Each Category %  0 69 29 2  57 26 16 2  44 51 5 0	E % 24 12 0 33 7 0 0 0 388 7 0	SA M % 37 65 100 58 20 44 0	P % 27 24 0 6 73 22 0 15 33 33 33	D % 12 0 0 3 3 100 8 10 0	Mean Scaled Score 547 549 552 555 541 536 526 552 545 549	Students in Each Category %  4 70 24 2  34 45 18 3  38 48 11 3	E	M  %  38 52 51 37  50 54 45 29  52 53 40 26	P % 26 23 23 24 14 24 33 41 19 24 30 29	D % 28 10 11 30 8 10 19 29 7 11 24 38	Mean Scaled Score  539 547 547 539  552 546 540 535
N 15 11 1 1 19 3 4 0 0 10 15 2 4 20 3 3	% 38 65 100 58 21 44 0 38 50 100 44 47	N 10 4 0 2 10 2 0 4 10 0 0 3 3 11	% 25 24 0 6 71 22 0 15 33 0	N 5 0 0 0 1 1 0 3 1 1 2 3 0 0 4	%  13 0 0 3 0 33 100  8 10 0 0 9	Scaled Score  548 549 552  555 542 536 526  552  555 545 557	in Each Category %  0 69 29 2  57 26 16 2  44 51 5 0	% 24 12 0 33 7 0 0 38 7 0 0	% 37 65 100 58 20 44 0	% 27 24 0 6 73 22 0	%  12 0 0 3 0 33 100 8 10 0	5caled Score  547 549 552  555 541 536 526  552  545 549	in Each Category % 4 70 24 2 34 45 18 3 38 48 11 3	8 15 15 9 28 11 3 1 22 12 6	% 38 52 51 37 50 54 45 29 52 53 40	% 26 23 23 24 14 24 33 41 19 24 30	% 28 10 11 30 8 10 19 29 7 11 24	539 547 547 539 552 546 540 535
15 11 1 19 3 4 0 10 15 2 4 20 3	38 65 100 58 21 44 0 38 50 100	10 4 0 2 10 2 0 4 10 0	25 24 0 6 71 22 0 15 33 0	5 0 0 1 0 3 1 2 3 0	13 0 0 3 100 8 10 0	548 549 552 555 542 536 526 552 545 557	0 69 29 2 57 26 16 2 44 51 5 0	24 12 0 33 7 0 0	37 65 100 58 20 44 0 38 50 67	27 24 0 6 73 22 0 15 33 33	12 0 0 3 3 100 8 10	547 549 552 555 541 536 526 552 545 549	4 70 24 2 34 45 18 3 3 38 48 11 3	8 15 15 9 28 11 3 1 22 12 6	38 52 51 37 50 54 45 29 52 53 40	26 23 23 24 14 24 33 41 19	28 10 11 30 8 10 19 29 7	539 547 547 539 552 546 540 535
11 1 19 3 4 0 10 15 2 4 20 3	65 100 58 21 44 0 38 50 100	4 0 2 10 2 0 4 10 0	24 0 6 71 22 0 15 33 0	0 0 1 0 3 1 1 2 3 0	0 0 3 0 33 100 8 10 0	549 552 555 542 536 526 552 545 557	69 29 2 57 26 16 2 44 51 5 0	12 0 33 7 0 0 38 7	65 100 58 20 44 0 38 50 67	24 0 6 73 22 0 15 33 33	0 0 3 0 33 100 8 10	549 552 555 541 536 526 552 545 549	70 24 2 34 45 18 3 3 38 48 11 3	15 15 9 28 11 3 1	52 51 37 50 54 45 29 52 53 40	23 23 24 14 24 33 41 19 24 30	10 11 30 8 10 19 29 7	547 547 539 552 546 540 535 550 546 540
3 4 0 10 15 2 4 20 3	21 44 0 38 50 100	10 2 0 4 10 0	71 22 0 15 33 0	0 3 1 2 3 0	0 33 100 8 10 0	542 536 526 552 545 557	26 16 2 44 51 5 0	7 0 0 38 7 0	20 44 0 38 50 67	73 22 0 15 33 33	0 33 100 8 10 0	541 536 526 552 545 549	45 18 3 38 48 11 3	11 3 1 22 12 6	54 45 29 52 53 40	24 33 41 19 24 30	10 19 29 7 11 24	546 540 535 550 546 540
3 4 0 10 15 2 4 20 3	21 44 0 38 50 100	10 2 0 4 10 0	71 22 0 15 33 0	0 3 1 2 3 0	0 33 100 8 10 0	542 536 526 552 545 557	26 16 2 44 51 5 0	7 0 0 38 7 0	20 44 0 38 50 67	73 22 0 15 33 33	0 33 100 8 10 0	541 536 526 552 545 549	45 18 3 38 48 11 3	11 3 1 22 12 6	54 45 29 52 53 40	24 33 41 19 24 30	10 19 29 7 11 24	546 540 535 550 546 540
15 2 4 20 3	50 100 44 47	10 0 3 11	33 0 33 26	3 0 0 4	10 0 0 9	545 557 552	51 5 0	7 0	50 67	33 33	10 0	545 549	48 11 3	12 6	53 40	24 30	11 24	546 540
15 2 4 20 3	50 100 44 47	10 0 3 11	33 0 33 26	3 0 0 4	10 0 0 9	545 557 552	51 5 0	7 0	50 67	33 33	10 0	545 549	48 11 3	12 6	53 40	24 30	11 24	546 540
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0 7 20	0 0 54 49	2 1 4 7	100 50 31 17	0 1 1 3	0 50 8 7	533 525 544 551	3 3 22 71	0 0 8 26	0 0 54 48	100 50 31 19	0 50 8 7	533 525 544 551	7 28 41 24	6 9 17 21	39 49 53 51	27 28 21 20	27 15 9 8	539 544 548 549
0 11 13	0 52 46	1 4 6	100 19 21	0 1 2	0 5 7	536 552 549	2 37 47	0 23 25	0 50 46	100 23 21	0 5 7	536 551 549	6 24 33	14 17 17	43 52 52	24 21 21	20 10 9	543 548 548 545
5	33 63 18 50	5 5 3 1	33 17 27 50	3 0 2 0	20 0 18 0	541 552 549 544	25 51 19 5	13 20 36 0	33 63 18 33	33 17 27 67	20 0 18 0	541 552 549 540	23 31 27 20	13 17 17 12	47 52 52 50	26 21 21 21 24	15 10 10 14	545 548 548 545
0	0	0	0	1 0	100 0	528 568	0 50 50	0 100	0 0	0 0	100 0	528 568						
	11 13 3 5 19 2 1	11 52 13 46 3 38 5 33 19 63 2 18 1 50 0 0	11 52 4 13 46 6 3 38 3 5 33 5 19 63 5 2 18 3 1 50 1	11     52     4     19       13     46     6     21       3     38     3     38       5     33     5     33       19     63     5     17       2     18     3     27       1     50     1     50       0     0     0     0	11     52     4     19     1       13     46     6     21     2       3     38     3     38     2       5     33     5     33     3       19     63     5     17     0       2     18     3     27     2       1     50     1     50     0       0     0     0     0     1	11     52     4     19     1     5       13     46     6     21     2     7       3     38     3     38     2     25       5     33     5     33     3     20       19     63     5     17     0     0       2     18     3     27     2     18       1     50     1     50     0     0       0     0     0     0     1     100	11     52     4     19     1     5     552       13     46     6     21     2     7     549       3     38     3     38     2     25     536       5     33     5     33     3     20     541       19     63     5     17     0     0     552       2     18     3     27     2     18     549       1     50     1     50     0     0     544       0     0     0     0     1     100     528	11     52     4     19     1     5     552     37       13     46     6     21     2     7     549     47       3     38     3     38     2     25     536     14       5     33     5     33     3     20     541     25       19     63     5     17     0     0     552     51       2     18     3     27     2     18     549     19       1     50     1     50     0     0     544     5       0     0     0     0     1     100     528     50       0     0     0     0     0     568     50	11     52     4     19     1     5     552     37     23       13     46     6     21     2     7     549     47     25       3     38     3     38     2     25     536     14     0       5     33     5     33     3     20     541     25     13       19     63     5     17     0     0     552     51     20       2     18     3     27     2     18     549     19     36       1     50     1     50     0     0     544     5     0       0     0     0     0     1     100     528     50     0       0     0     0     0     0     568     50     100	11     52     4     19     1     5     552     37     23     50       13     46     6     21     2     7     549     47     25     46       3     38     3     38     2     25     536     14     0     38       5     33     5     33     3     20     541     25     13     33       19     63     5     17     0     0     552     51     20     63       2     18     3     27     2     18     549     19     36     18       1     50     1     50     0     0     544     5     0     33       0     0     0     0     0     544     5     0     0     0       0     0     0     0     0     568     50     100     0	11     52     4     19     1     5     552     37     23     50     23       13     46     6     21     2     7     549     47     25     46     21       3     38     3     38     2     25     536     14     0     38     38       5     33     5     33     3     20     541     25     13     33     33       19     63     5     17     0     0     552     51     20     63     17       2     18     3     27     2     18     549     19     36     18     27       1     50     1     50     0     0     544     5     0     33     67       0     0     0     0     0     528     50     0     0     0     0       0     0     0     0     0     568     50     100     0     0	11     52     4     19     1     5     552     37     23     50     23     5       13     46     6     21     2     7     549     47     25     46     21     7       3     38     3     38     2     25     536     14     0     38     38     25       5     33     5     33     3     20     541     25     13     33     33     20       19     63     5     17     0     0     552     51     20     63     17     0       2     18     3     27     2     18     549     19     36     18     27     18       1     50     1     50     0     0     544     5     0     33     67     0       0     0     0     0     0     528     50     0     0     0     0     0       0     0     0     0     0     568     50     100     0     0     0	11     52     4     19     1     5     552     37     23     50     23     5     551       13     46     6     21     2     7     549     47     25     46     21     7     549       3     38     3     38     2     25     536     14     0     38     38     25     536       5     33     5     33     3     20     541     25     13     33     33     20     541       19     63     5     17     0     0     552     51     20     63     17     0     552       2     18     3     27     2     18     549     19     36     18     27     18     549       1     50     1     50     0     0     544     5     0     33     67     0     540       0     0     0     0     0     0     528     50     0     0     0     0     0     568       0     0     0     0     0     568     50     100     0     0     0     568	11     52     4     19     1     5     552     37     23     50     23     5     551     24       13     46     6     21     2     7     549     47     25     46     21     7     549     33       3     38     3     38     2     25     536     14     0     38     38     25     536     38       5     33     5     33     3     20     541     25     13     33     33     20     541     23       19     63     5     17     0     0     552     51     20     63     17     0     552     31       2     18     3     27     2     18     549     19     36     18     27     18     549     27       1     50     1     50     0     0     544     5     0     33     67     0     540     20	11     52     4     19     1     5     552     37     23     50     23     5     551     24     17       13     46     6     21     2     7     549     47     25     46     21     7     549     33     17       3     38     3     38     2     25     536     14     0     38     38     25     536     38     12       5     33     5     33     3     20     541     25     13     33     33     20     541     23     13       19     63     5     17     0     0     552     51     20     63     17     0     552     31     17       2     18     3     27     2     18     549     19     36     18     27     18     549     27     17       1     50     1     50     0     0     544     5     0     33     67     0     540     20     12       0     0     0     0     0     0     0     0     0     0     0     568	11     52     4     19     1     5     552     37     23     50     23     5     551     24     17     52       13     46     6     21     2     7     549     47     25     46     21     7     549     33     17     52       3     38     3     38     2     25     536     14     0     38     38     25     536     38     12     49       5     33     5     33     3     20     541     25     13     33     33     20     541     23     13     47       19     63     5     17     0     0     552     51     20     63     17     0     552     31     17     52       2     18     3     27     2     18     549     19     36     18     27     18     549     27     17     52       1     50     1     50     0     544     5     0     33     67     0     540     20     12     50	11     52     4     19     1     5     552     37     23     50     23     5     551     24     17     52     21       13     46     6     21     2     7     549     47     25     46     21     7     549     33     17     52     21       3     38     3     38     2     25     536     14     0     38     38     25     536     38     12     49     25       5     33     5     33     3     20     541     25     13     33     33     20     541     23     13     47     26       19     63     5     17     0     0     552     51     20     63     17     0     552     31     17     52     21       2     18     3     27     2     18     549     19     36     18     27     18     549     27     17     52     21       1     50     1     50     0     0     544     5     0     33     67     0     540     20     12     50     24	11     52     4     19     1     5     552     37     23     50     23     5     551     24     17     52     21     10       13     46     6     21     2     7     549     47     25     46     21     7     549     33     17     52     21     9       3     38     3     38     2     25     536     14     0     38     38     25     536     38     12     49     25     14       5     33     5     33     3     20     541     25     13     33     33     20     541     23     13     47     26     15       19     63     5     17     0     0     552     51     20     63     17     0     552     31     17     52     21     10       2     18     3     27     2     18     549     19     36     18     27     18     549     27     17     52     21     10       1     50     1     50     0     0     544     5     0     33     67     0     540     20     12<

E = Exceeds the Standards M = Meets the Standards P = Partially Meets the Standards D = Does Not Meet the Standards N = Number



#### **SCIENCE RESULTS**

Test Date: March 2009

Grade:

SAU: Raymond School Department School: Jordan-Small Middle School

#### STUDENTS AT EACH ACHIEVEMENT LEVEL ACHIEVEMENT LEVEL DEFINITIONS School SAU State The quality of a student's work at each achievement level reflects progress in attaining Maine's Learning Ν % Ν % N % Results: Parameters for Essential Instruction in science. Exceeds the Standards – The student's work demonstrates in-depth understanding of essential concepts in science, including the ability to make multiple connections among central ideas. The student's responses 5 9 626 demonstrate the ability to synthesize information, analyze and solve difficult problems, and explain complex 2008-2009\* 8 4 concepts using evidence and proper terminology to support and communicate logical conclusions. (Scaled Score 562-580) Meets the Standards – The student's work demonstrates a general understanding of essential concepts in science, including the ability to make connections among central ideas. The student's responses demonstrate 2008-2009\* 34 59 34 58 7187 51 the ability to analyze and solve routine problems and explain central concepts with sufficient clarity and accuracy to demonstrate general understanding. (Scaled Score 542–560) Partially Meets the Standards - The student's work demonstrates incomplete understanding of essential concepts in science and inconsistent connections among central ideas. The student's responses demonstrate 27 2008-2009\* 15 26 16 4364 31 some ability to analyze and solve problems but the quality of responses is inconsistent. Explanation of concepts may be incomplete or unclear. (Scaled Score 532-540) Does Not Meet the Standards – The student's work demonstrates limited understanding of essential concepts in science and infrequent or inaccurate connections among central ideas. The student's responses demonstrate 7 2008-2009\* 4 4 7 1818 13 minimal ability to solve problems. Explanations are illogical, incomplete, or missing. There are many inaccuracies. (Scaled Score 500-530)

	Nun		Average Points Attained (Number and Percent)										
Learning Results Content Standards	of Poss	oints sible	Sch	ool	SA	AU	State						
	N	%	N	%	N	%	N	%					
Science Total Points	48	100	32.0	66.7	31.9	66.5	29.2	60.8					
D. The Physical Setting	24	50	13.6	56.7	13.5	56.3	12.9	53.8					
E. The Living Environment	24	50	18.4	76.7	18.3	76.3	16.3	67.9					

The MEA assesses students' science knowledge based on questions that measure the science accountability content standards highlighted in Maine's 2007 *Learning Results: Parameters for Essential Instruction*, which can be found at: http://www.maine.gov/education/lres/pei/index.html.

Content Standard D. The Physical Setting

- D1 Universe and Solar System
- D2 Earth
- D3 Matter and Energy
- D4 Force and Motion

Content Standard E. The Living Environment

- E1 Biodiversity
- E2 Ecosystems
- E3 Cells
- E4 Heredity and Reproduction
- E5 Evolution



# **SCIENCE RESULTS**

(CONTINUED)

Test Date: March 2009

Grade:

SAU: Raymond School Department School: Jordan-Small Middle School

5 5 5 5	9 9	N 34	<b>%</b> 59	N 15	% 26	N 4	% 7	Mean Scaled Score	Tested N 59	E % 8	<b>M</b> % 58	P % 27	<b>D</b> % 7	Mean Scaled Score	Tested N 13995	E %	<b>M</b> % 51	P % 31	D %	Mean Scaled Score
5 5	9 9	34	59	15	:				59											
5	9	34			26	4	7	548		8	58	27	7	548	13995	4	51	31	13	540
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			1	14	25	3	5	548	0 2 0 0 57 0	9	60	26	5	548	382 110 256 167 13080 0	2 3 5 1 5	31 36 51 40 52	32 35 27 37 31	35 26 17 22 12	535 538 542 539 544
	10	5 29	63 58	3 12	38 24	0 4	0 8	545 548	8 51	0 10	63 57	38 25	0 8	545 548	2309 11686	2 5	29 56	39 30	29 10	536 545
5	9	34	59	15	26	4	7	548	0 59	8	58	27	7	548	361 13634	1 5	23 52	32 31	44 12	533 544
1 4	7 9	5 29	33 67	6 9	40 21	3 1	20 2	542 550	16 43	6 9	31 67	44 21	19 2	541 550	5729 8266	2	42 58	37 27	20 8	539 546
5	9	34	59	15	26	4	7	548	0 59	8	58	27	7	548	8 13987	0 4	25 51	13 31	63 13	530 543
2	6 13	18 16	51 70	12 3	34 13	3	9 4	546 551	36 23 0	6 13	50 70	36 13	8 4	546 551	6886 7109 0	4 5	49 54	33 29	14 12	542 544
5	9	34	59	15	26	4	7	548	0 59	8	58	27	7	548	1917 12078	1 5	31 55	41 30	28 11	536 544
3 2	60 4	2 32	40 60	0 15	0 28	0 4	0 8	563 546	5 54	60 4	40 59	0 30	0 7	563 546	450 13545	25 4	72 51	2 32	1 13	557 543
	5 2 3 5	<ul> <li>4</li> <li>9</li> <li>5</li> <li>9</li> <li>2</li> <li>6</li> <li>3</li> <li>13</li> <li>5</li> <li>9</li> <li>3</li> <li>60</li> </ul>	4     9     29       5     9     34       2     6     18       3     13     16       5     9     34       3     60     2	4     9     29     67       5     9     34     59       2     6     18     51       3     13     16     70       5     9     34     59       3     60     2     40	4     9     29     67     9       5     9     34     59     15       2     6     18     51     12       3     13     16     70     3       5     9     34     59     15       3     60     2     40     0	4     9     29     67     9     21       5     9     34     59     15     26       2     6     18     51     12     34       3     13     16     70     3     13       5     9     34     59     15     26       3     60     2     40     0     0	4     9     29     67     9     21     1       5     9     34     59     15     26     4       2     6     18     51     12     34     3       3     13     16     70     3     13     1       5     9     34     59     15     26     4       3     60     2     40     0     0     0	4     9     29     67     9     21     1     2       5     9     34     59     15     26     4     7       2     6     18     51     12     34     3     9       3     13     16     70     3     13     1     4       5     9     34     59     15     26     4     7       3     60     2     40     0     0     0     0	4     9     29     67     9     21     1     2     550       5     9     34     59     15     26     4     7     548       2     6     18     51     12     34     3     9     546       3     13     16     70     3     13     1     4     551       5     9     34     59     15     26     4     7     548       3     60     2     40     0     0     0     0     563	4     9     29     67     9     21     1     2     550     43       5     9     34     59     15     26     4     7     548     59       2     6     18     51     12     34     3     9     546     36       3     13     16     70     3     13     1     4     551     23       0     0     0     0     0     548     59       3     60     2     40     0     0     0     0     563     5	4     9     29     67     9     21     1     2     550     43     9       5     9     34     59     15     26     4     7     548     59     8       2     6     18     51     12     34     3     9     546     36     6       3     13     16     70     3     13     1     4     551     23     13       5     9     34     59     15     26     4     7     548     59     8       3     60     2     40     0     0     0     0     563     5     60	4       9       29       67       9       21       1       2       550       43       9       67         5       9       34       59       15       26       4       7       548       59       8       58         2       6       18       51       12       34       3       9       546       36       6       50         3       13       16       70       3       13       1       4       551       23       13       70         5       9       34       59       15       26       4       7       548       59       8       58         3       60       2       40       0       0       0       563       5       60       40	4       9       29       67       9       21       1       2       550       43       9       67       21         5       9       34       59       15       26       4       7       548       59       8       58       27         2       6       18       51       12       34       3       9       546       36       6       50       36         3       13       16       70       3       13       1       4       551       23       13       70       13         5       9       34       59       15       26       4       7       548       59       8       58       27         3       60       2       40       0       0       0       563       5       60       40       0	4       9       29       67       9       21       1       2       550       43       9       67       21       2         5       9       34       59       15       26       4       7       548       59       8       58       27       7         2       6       18       51       12       34       3       9       546       36       6       50       36       8         3       13       16       70       3       13       1       4       551       23       13       70       13       4         5       9       34       59       15       26       4       7       548       59       8       58       27       7         3       60       2       40       0       0       0       563       5       60       40       0       0	4       9       29       67       9       21       1       2       550       43       9       67       21       2       550         5       9       34       59       15       26       4       7       548       59       8       58       27       7       548         2       6       18       51       12       34       3       9       546       36       6       50       36       8       546         3       13       16       70       3       13       1       4       551       23       13       70       13       4       551         5       9       34       59       15       26       4       7       548       59       8       58       27       7       548         3       60       2       40       0       0       0       563       5       60       40       0       0       563	4       9       29       67       9       21       1       2       550       43       9       67       21       2       550       8266         5       9       34       59       15       26       4       7       548       59       8       58       27       7       548       13987         2       6       18       51       12       34       3       9       546       36       6       50       36       8       546       6886         3       13       16       70       3       13       1       4       551       23       13       70       13       4       551       7109       0         5       9       34       59       15       26       4       7       548       59       8       58       27       7       548       12078         3       60       2       40       0       0       0       563       5       60       40       0       0       563       450	4       9       29       67       9       21       1       2       550       43       9       67       21       2       550       8266       6         5       9       34       59       15       26       4       7       548       59       8       58       27       7       548       13987       4         2       6       18       51       12       34       3       9       546       36       6       50       36       8       546       6886       4         3       13       16       70       3       13       1       4       551       23       13       70       13       4       551       7109       5         5       9       34       59       15       26       4       7       548       59       8       58       27       7       548       12078       5         3       60       2       40       0       0       0       563       5       60       40       0       0       563       450       25	4       9       29       67       9       21       1       2       550       43       9       67       21       2       550       8266       6       58         5       9       34       59       15       26       4       7       548       59       8       58       27       7       548       13987       4       51         2       6       18       51       12       34       3       9       546       36       6       50       36       8       546       6886       4       49         3       13       16       70       3       13       1       4       551       23       13       70       13       4       551       7109       5       54         5       9       34       59       15       26       4       7       548       59       8       58       27       7       548       12078       5       55         3       60       2       40       0       0       0       563       5       60       40       0       0       563       450       25       72   <	4       9       29       67       9       21       1       2       550       43       9       67       21       2       550       8266       6       58       27         5       9       34       59       15       26       4       7       548       59       8       58       27       7       548       13987       4       51       31         2       6       18       51       12       34       3       9       546       36       6       50       36       8       546       6886       4       49       33         3       13       16       70       3       13       1       4       551       23       13       70       13       4       551       7109       5       54       29         5       9       34       59       15       26       4       7       548       59       8       58       27       7       548       1917       1       31       41         5       9       34       59       15       26       4       7       548       59       8       58       27	4       9       29       67       9       21       1       2       550       43       9       67       21       2       550       8266       6       58       27       8         5       9       34       59       15       26       4       7       548       59       8       58       27       7       548       13987       4       51       31       13         2       6       18       51       12       34       3       9       546       36       6       50       36       8       546       6886       4       49       33       14         3       13       16       70       3       13       1       4       551       23       13       70       13       4       551       7109       5       54       29       12         5       9       34       59       15       26       4       7       548       59       8       58       27       7       548       1917       1       31       41       28         5       9       34       59       15       26       4       7

E = Exceeds the Standards M = Meets the Standards P = Partially Meets the Standards D = Does Not Meet the Standards

**NOTE:** Some achievement level results have been left blank because fewer than five (5) students were tested.



# **SCIENCE RESULTS**

(QUESTIONNAIRE ITEMS)

Test Date: March 2009

Grade:

**Raymond School Department** SAU: Jordan-Small Middle School School:

7	\\(\frac{1}{4} \) = \(\frac{1}{4} \) = \(\frac{1} \) = \(\frac{1} \) = \(\frac{1}{4} \) = \(\frac{1}{4} \) = \(\frac{1}{4} \) =																								
		School										SAU							State						
QUESTIONNAIRE ITEMS	Students in Each Category		E	M		P		Scale		Mean Scaled Score	Students in Each Category	E	М	P	D	Mean Scaled Score	Students in Each Category	E	М	P	D	Mean Scaled Score			
	%	N	%	N	%	N	%	N	%		%	%	%	%	%		%	%	%	%	%				
How much homework do you do on school nights? A. none B. less than one hour C. one to two hours D. more than two hours	0 69 29 2	5 0 0	13 0 0	22 11 1	55 65 100	10 5 0	25 29 0	3 1 0	8 6 0	548 546 556	0 69 29 2	12 0 0	54 65 100	27 29 0	7 6 0	548 546 556	4 70 24 2	2 4 5 4	37 53 51 39	35 31 31 31	25 12 12 26	538 544 544 539			
Which of the following best describes how you rate yourself as a student in science? A. very good	34	2	10	15	75	3	15	0	0	552	34	10	75	15	0	552	26	7	56	26	11	545			
B. good C. fair D. poor	57 7 2	3 0 0	9 0 0	16 3 0	48 75 0	10 1 1	30 25 100	0 0	12 0 0	545 548 536	58 7 2	9 0 0	47 75 0	32 25 100	12 0 0	545 548 536	53 18 3	4 2 1	53 41 33	31 39 36	11 17 30	544 540 536			
How well do the questions that you have just been given on this MEA test match what you have learned in school about science?  A. The questions on the test match what I have learned in science class.	33	1	5	12	63	5	26	1	5	548	32	5	63	26	5	548	23	5	56	28	11	544			
B. They match some of what I have learned. C. They match just a little of what I have learned. D. There is no match.	59 9 0	4 0	12 0	20 2	59 40	8 2	24 40	2	6 20	548 541	59 8 0	11 0	57 40	26 40	6 20	548 541	48 23 6	5 4 3	52 49 40	31 33 34	12 14 23	544 543 539			
How difficult was the science part of this test?  A. more difficult than my regular schoolwork  B. about the same as my regular schoolwork  C. easier than my regular schoolwork	12 74 14	2 2 1	29 5 13	1 28 5	14 65 63	4 10 1	57 23 13	0 3 1	0 7 13	548 547 550	12 75 14	29 5 13	14 64 63	57 25 13	0 7 13	548 547 550	23 58 19	5 4 6	48 52 53	31 32 29	16 12 11	543 543 544			
How often do you have science classes? A. every day B. a few times a week C. once a week D. a few times a month	86 5 4 5	4 1 0 0	8 33 0	28 2 2 2	58 67 100 67	12 0 0	25 0 0 33	4 0 0	8 0 0	547 559 551 544	84 7 4 5	8 25 0	58 50 100 67	25 25 0 33	8 0 0	547 554 551 544	33 45 8 15	5 4 4 4	51 52 50 52	31 32 30 30	14 11 16 14	543 544 542 543			
Which statement best describes how you learn science?  A. I mostly read a textbook and answer questions, and/or take notes and	34	3	15	7	35	9	45	1	5	546	34	15	35	45	5	546	30	3	48	35	14	542			
do assignments. I use science kits for demonstrations and experiments. B. I work in groups to design and conduct experiments. C. I do a combination of A and B, mostly A. D. I do a combination of A and B, mostly B.	10 50 5	0 2 0	0 7 0	2 24 1	33 83 33	2 2 2	33 7 67	2 1 0	33 3 0	539 551 541	10 51 5	0 7 0	33 80 33	33 10 67	33 3 0	539 551 541	23 27 21	2 6 6	43 58 58	37 26 27	18 9 10	540 546 545			
How often do you make observations and collect data in science class?																									
A. a few times a week B. a few times a month C. once a month D. never or almost never	57 22 9 12	3 0 1 1	9 0 20 14	19 8 2 5	58 62 40 71	9 5 1 0	27 38 20 0	2 0 1 1	6 0 20 14	548 547 546 551	58 22 8 12	9 0 20 14	56 62 40 71	29 38 20 0	6 0 20 14	547 547 546 551	47 27 10 15	4 5 5 3	51 54 49 48	32 30 30 32	12 11 15 16	543 544 543 542			
How often do you use observations and data to support your idea about science?  A. a few times a week	50	2	7	16	55	7	24	4	14	546	51	7	53	27	13	545	46	4	52	32	12	543			
B. a few times a month C. once a month D. never or almost never	29 12 9	1 1 1	6 14 20	9 5 4	53 71 80	7 1 0	41 14 0	0 0 0	0 0 0	549 551 551	29 12 8	6 14 20	53 71 80	41 14 0	0 0 0	549 551 551	28 11 15	5 4 4	53 47 50	30 34 30	12 15 16	544 542 542			
Optional school/SAU question A.	0										0														
B. C. D.	50 50 0	0	0	1 1	100 100	0	0	0	0 0	542 560	50 50 0	0	100 100	0 0	0 0	542 560									

E = Exceeds the Standards M = Meets the Standards P = Partially Meets the Standards D = Does Not Meet the Standards N = Number